

The Separation of Metals by the Exchange  
Extraction Method, by L. M. Gindin, P. I. Bobikov,  
E. F. Kouba, I. Z. Kosh, A. M. Rosen, N. A.  
Ter-Oganesov, N. I. Zagarskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 3,  
1958, pp 445-.

Consultants Bureau

Sci - Geophys

96,709

Towards Defining a Rational Design for the  
Flanged Joints in Steam Turbines, by I. Z.  
Kopp.

RUSSIAN, per, Energiomash, Vol VII, No 11, 1963  
pp 25-26.

NLL M 3917

Sci - Engr  
Mar 63

225,411

Morlund Method for Functions (Second Communication), by K. Kopp.

GERMAN, per, <sup>h</sup>Mathematische Z., Vol (X)III, 1955, pp 39-52.

INSDOC-T2164

Sci

Aug 58

72,717

NY-6445

Modernizing ATS Equipment, by M. F. Kopp, A. Ye.  
Markovitch, M. N. Pisker, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1961.

JPRS 9605

Sci

Aug 61

161,966

Aerology of Some Cloud Forms and ~~Wind~~ Wave  
Systems in the Atmosphere, by Walther Kopp,  
28 pp.

GERMAN, per, Beitrage zur Physik der Atmosphere,  
Vol XIII, 1925, pp 198-217.

Air Res and Dev Command  
T-109 G

Scientific - Astronomy; Geophysics  
Jan 56 CTS

30,238

The Degeneracy of the Electronic Gas Resonance

Festschrift, by H. Kopp, 12 pp.

II 6

GERMAN, Zeit. Ann Physik, Vol III, No 2, 1908, pp 103-112

AEC UCRL Tr-760(L)

Sci - Kopye

May 62

193, 575

The Theory of the Laundering Process  
A Study of the Work of Laundering, by W. W. ...  
Pages 9 pp.

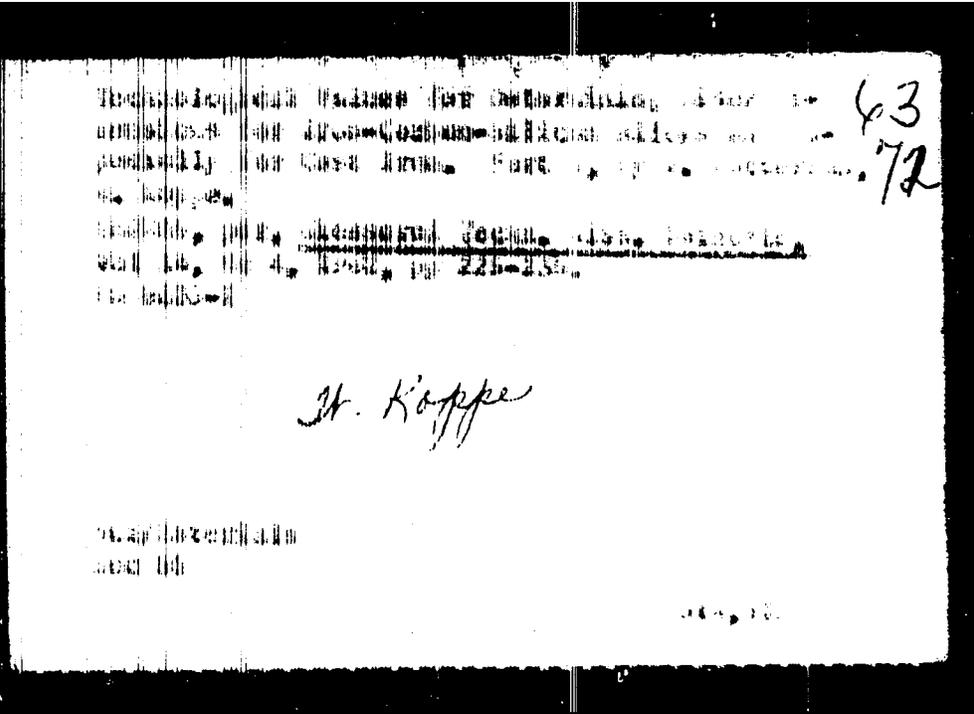
GENERAL, ...  
pp 31-45

CIA/EEB ...

Ed ...  
...

...

*[Handwritten signature]*



SCHEMATIC OF THE THEORY OF PARTICLE  
DISTRIBUTION IN AEROSOLS, by K. I. KROSEN, 1950

GERMAN, PTZ, Z. fuer Physik, Vol CXLV, 1950,  
pp 211-216.

OSIR 190

*103-104*

Sci - Phys

Mar 58

The P<sub>0</sub> Method of Solving the Neutron Transport  
Equation, by H. Koppe, G. Blesser, 11 pp.

GERMAN, per, *Nukleonik*, Vol I, No 2, 1958, pp 64-66.

AEC NR-4-328

Sci - Nuc Phys

Apr 60

114,746

by Heinrich Koppe,  
Solar Activity and the Atmosphere, 32 pp.  
UNCLASSIFIED

GERMAN, per, Zeit fur Meteorologie, Vol VI,  
No 12, 1952, pp 369-378. CIA D 151329

Air Res and Dev Command

24,060

SLA-57-623

Scientific - Astronomy

May 55 CTS/DEX

(FOUO 21240)

The Teachings of I. P. Pavlov and Problems of Work  
Organization in the Surgical Clinic, by V. Ye.  
Zalitskiy, Translated to German by S. Koppo, 11 pp.

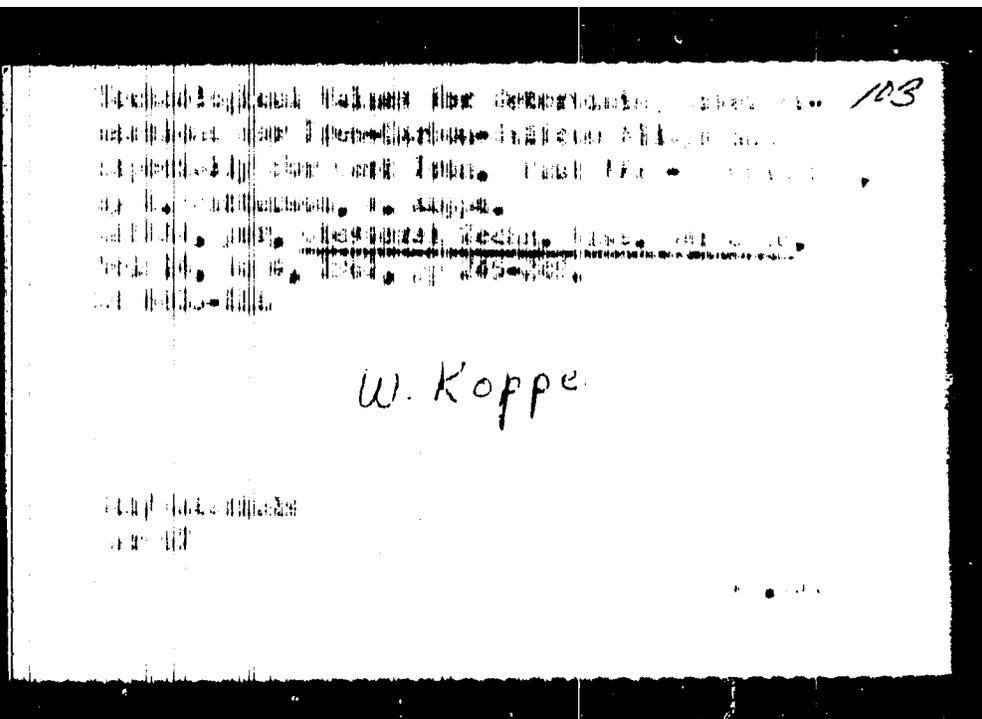
GERMAN, bk, Fragen der Speziellen Chirurgie, 50. Jg.,  
1958, pp 154-168.

CIA/EEU/U-6025

USSR  
Scientific - Medicine, surgery

15,994





103  
 ... into the ...  
 ...  
 ...  
 ...  
 ...

W. Koppe

...  
...

...

Handwritten text, mostly illegible due to heavy noise and scan artifacts. Some faint words like "Koppe" and "W. Koppe" are visible.

W. Koppe

Handwritten text, mostly illegible.

Handwritten text, mostly illegible.

Thermal Efficiency of Rivers and the  
[Crossed] Field, by W. Fothergill, W. Koppe.  
Gibson, Jor, Geographica Techn. Mitt. Deutsche,  
No. 28, April 1966, pp 1523-1533.  
NO 2/10

101

W. KOPPE

Do. Date: 1966  
Oct 66

113,132

GS-17917

Koppels, H. Paul.  
A METHOD AND APPARATUS FOR SIMULTANEOUS  
BIAXIAL STRETCHING OF FILM WITH A TENTER-  
ING MACHINE. July 63, 14p. (figs. omitted).  
Order from SA \$22.00 SA Code-P-133

Trans. of published Japanese patent 8168/1962,  
cl. 1, 2, 25-N-231.2, appl. no. 28711/1960 filed  
20 June 60, pub. 18 July 62, by American Viscose  
Corp., U. S. A. (priority claimed: 12 Nov 59, U. S. A.)

DESCRIPTORS: \*Plastic films, \*Polyethylene plastic, \*  
Material forming, Machines, Design

(Materials--Plastics, TT, v. 10, no. 7)

1. Title: Tentering machines
- I. Koppels, H. P.
- II. Patent (Japan)  
pub. 37-8 133
- III. SA Code-P-133
- IV. Saitanboro Aoki (Japan)

1347217

Office of Technical Services

Heat of Hydration and Vapor Pressure of Thorium  
Sulfate Hydrates, by I. Koppel, 12 pp.

GERMAN. per, Z für Anorganische Chemie,  
Vol LXXVII, 1910, pp 293-301. 9200079

AEC-tr-5385

Sci - Chem

Dec 62

219-7-15

Contributions to the Theory of Thorium:  
Salt Manufacture I. The Sulfate Purifi-  
cation Method, by I. Nippel, H. Holtkamp.  
65 pp.

GERMAN, per, Z. fuer Anorg Chem,  
Vol LXVII, 1910, pp 286-292. 7669633

ABC T-5352

Sci - Chem  
Dec 62

217,561

63-14575

I. Koppelman, F.

Konigsberg, Florida.  
THE QUESTION OF SOLVING THE SWITCHING  
PROBLEM IN CURRENT CONVERSION AND THE  
PRINCIPLES WHICH LED TO THE USE OF PRESSURE  
CONTACTS IN THE "K" CONVERTER. [1963] 42p.  
(figs. omitted).  
Order from S.L.A. \$4. 60                      63-14575

Trans. of [ETZ] Elektrotechnische Zeitschrift.  
[Angehe A. Zentralblatt für Elektrotechnik] (Germany)  
1941, v. 62, no. 1, p. 3-16.

1247279

DESCRIPTORS: \*Power equipment, Switching circuits,  
\*Pressure switches, \*Coils, Alternating current,  
Direct current.

The "K" converter, described here for the first time,  
serves the purpose of converting three-phase voltage  
into direct current voltage. It is a synchronous square-  
(Engineering--Electrical, TT, v. 10, no. 7) (over)

Office of Technical Services

120  
Problems of the Department of Education Processes  
in the German Democratic Republic, by J. Koppelmann,  
J. Koppelmann.  
GERMAN, INT. EDUCATIONAL RESEARCH, Vol 175, No 2,  
1961, pp 57-59.  
ERIC OCLC 7-67-853

J. Koppelmann

Sol - Florida  
Jun 67

The Pressure Dependence of the Elastic Moduli  
of Polymethylmethacrylate at Room Tempera-  
ture, by J. Gielenssen, J. Koppelman.

**RESEARCH**  
GERMANY, per, Kolloid Z, Vol (LXXII), No 2,  
1960, pp 162-166.

TIL T 52:1

181,305

Sci - Phys

Jan 62

The Viscoelastic Behaviour of High Polymers, by J.  
Koppelman.

GERMAN, per, Kolloid Z., Vol CXLIV, 1955, p  
12-41.

ASSTY-GR 19

Sci

Jul 59

92, 364

Comparison Between the Dielectric and  
the Mechanical Relaxation Behavior of  
Polyvinyl Chloride (PVC), by  
J. Koppelman, 14 pp.  
GEM, per, Kolloid-Zeitschrift und  
Zeitschrift fuer Polymere, Vol. CLXXXIX,  
No 1, 1963, pp 1-6. 9228406  
AEC-SC-T-65-711

Sci-M/M  
Apr 65

278,142

with regard to the information on that issue.  
The information is being provided to you  
for your information only.  
The information is being provided to you  
for your information only.  
The information is being provided to you  
for your information only.

*J. K. Koppelman*

10/1/80  
10/1/80  
10/1/80

TT-65-12457

Field 7A

Koppen, C. W. J. van.  
PNEUMATIC TRANSPORTATION OF COARSE MATERIAL  
IN A HORIZONTAL CONDUIT. Paper presented at the  
Symposium on Pneumatic Transport. Utrecht, 25 Nov 59.  
18p, 12refs.  
Order from SI/A: \$1.60 as TT-65-12457

Trans. of de Ingenieur (Netherlands) v72 n38 pCH128-36  
1960.

I. Koppen, C. W. J. van  
II. Title: Symposium. ...

MH 633

Radiation Measuring Instruments With Geiger-Muller  
Counters, by E. A. Fromhold; The Transmission  
of Signals and Communications by Wire and Wireless,  
by H. Koppen; Transistors, 16 pp.

GERMAN, per, Die Technik, Special Issue 1955,  
pp 17; 20; 27, Encl to 310/55, 7 Apr 1955.  
CIA D-265677.

27, 379

→ Navy Tr

Oct 55 CTB

Scientific • Electronics, Engineering

A. German Missile (Rocket) Development, by  
Karl Grupp; B. Transistor, Spacistor -  
Technical Structural Elements of the Future,  
by Hans Kopp, 16 pp. UNCLASSIFIED  
Munich, (ID 2286107-0)  
GERMAN, per Wehrkund, /Feb 1958, Weltjugend, No 4,  
Berlin, 1958

ACSI, B-1391

Sci - Spac Res

Jun 58

65,744

Telecommunication, Signal and HF Technique, by  
Ing. H. Koyen. UNCLASSIFIED

GRONN, per, Die Technik, 1954, Berlin, pp 100-105.

SCIA Tr No 1003

Scientific - Electronics

Feb 55 CTS

2,729

Radio Communications in Mines, by Hans Koppen, 17 pp.

GERMAN, per, Nachrichten Technik, Vol III, No 2,  
Feb 1953, pp 63-68.

ATIC P-TS-8115

Scientific - Electronics, high-frequency, radio

CIA 1602881

3840

Experimental Flights for Testing of a Reactor  
as an Expedient for the Termination of Dangerous  
Spins, by P. Hohler, I. V. Kuzmen

GERMAN, per, ZfB Forschungsbericht, No 1027, 25 Feb  
1939.

S.L.A. Tr Pool

Scientific - Aeronautics  
CTS/DEK

14,213

Method for the Combined Microscopic and  
X-Ray Examination of Corus in Glass,  
by H. Köppen, O. Florke.

GIERMAN, par, Glastechnische Berichte,  
Vol. XXX, No 5, 1957, pp 182-186.

OSINO

Sci. & Phys  
Jul 62

203, 458

The Use of Cement in Foundry Sands, Microscopic  
Investigation of the Reactions Between  
Cement Sand Molds, and Steel Slags, by W.  
Eitel, H. Koppen, 13 p.

GERMAN, Ber, Gieserei, Tech-Wissensch Beihefte,  
1954, No 14, pp 701-707.

BLA 60-10054

Sci.  
Apr 60  
Vol. XIX, No 3

111, 994

A Method for Combined Microscope and X-Ray  
Examination of Stones in Glass, by Nina Koppen,  
Otto W. Flörke, 11 pp.

GERMAN, per, Glasstech Ber, 1957, Vol XXX,  
No 5, pp 182-186.

SLA 59-10612

Sci - Phys  
OTS I, 12  
Jul 59

92, 304

85

Induktion Coils as Measuring Elements for Fast  
High-Current Gas Discharges, by W. Koppendorfer,  
28 pp.

GERMAN, rpt, Institut für Plasmaphysik, IPP 1/2  
P911277457

ADU LA-27-67-38

*W. Koppendorfer*

Sci./Physics  
Nov 67

342,408

Control for Machine Tools, Especially  
Grinding Machines, By Means of a Measuring  
Device, by Georg Koppemüller, inventor,  
9 pp.

GERMAN, Patent No 912,061.

DEPT. OF COMMERCE  
Dept of Commerce  
Patent Office  
Scientific Lib

Sci - Engr

170,674

Oct 61

THE DYNAMIC BEHAVIOR OF ARCS IN AN ALTERNATING  
CURRENT CIRCUIT, BY H. ROPPEN.

GERMAN, PER, ARCHIV FUER ELEKTROTECHNIK, VOL XLVII,  
NO 1, 1962, PP 47-60.

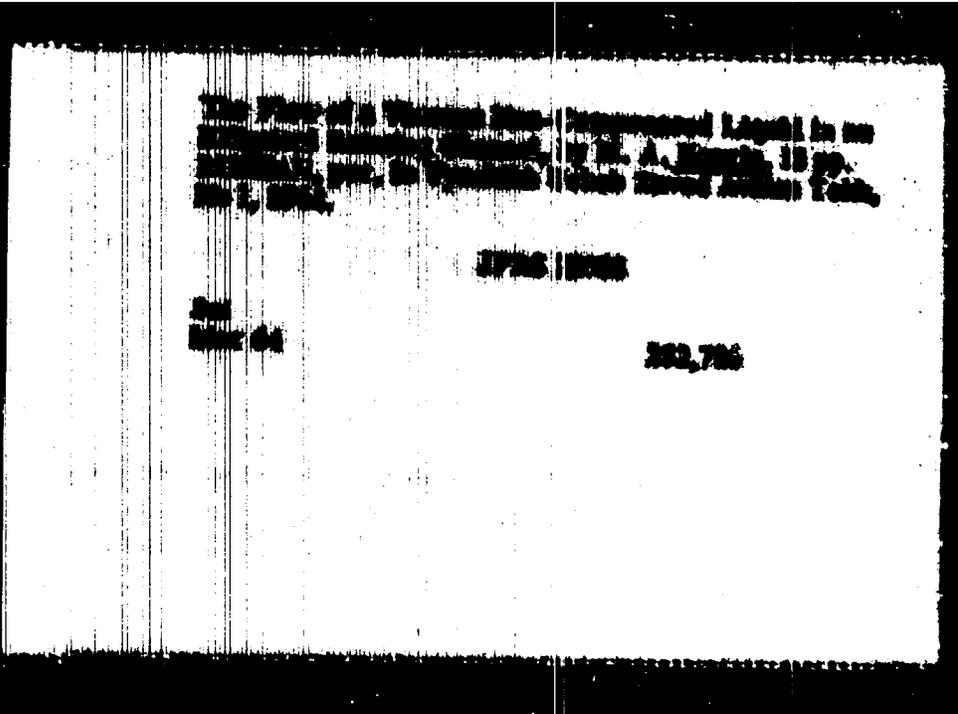
BISI 2900

SCI - ELECTRICITY

OCT 62

LIST 154

214,810



The Measurements of the Magnetic Properties  
of Magnetically Soft Substances by Means of  
a Cathode Ray Tube Oscilloscope, by Jiri  
Kopriva.

RUSSIAN, per, Elektrotech Obsor, Vol XLVII,  
No 12, 1957, pp 638-645.

OSIRO

Sol - RUSSIAN Phys  
Apr 68

191,433

The Measurements of the Magnetic Properties  
of Magnetically Soft Substances by Means of  
a Cathod Ray Tube Oscilloscope, by Giri Kopriva.

CZECH, pers, Elektrotech ~~1956~~ Obzor, Vol XVII,  
No 12, 1957, pp 638-645.

CSIRO

Sci - Phys

Apr 62

*C 501 5764-N*

Reorganization of Forest Management, by ~~Frantisek~~  
Vaclav Kopriva, 7 pp. FOUO (Copyright)

CMECH, pr, Lesnicka Prace, No 11, Nov 60,  
pp 493-498.  
6

*Czechoslovakia*

JPRS 9348

*156,601*

EBAR - Recon  
Jun 61.

SHORTCOMINGS IN THE CONSTRUCTION OF HOTELS  
AND RESTARANTS, BY A. KOPRIVICA, 6 PP.

CROATIAN, PER, NOVA TRGOVINA, NOV 1962,  
PP 446-448.

JPRS 17450

EEUR - YUGOSLAVIA  
ECON ,  
FEB 63

221,258

Magdalen Foreign Trade with American Countries, by  
E. Bopariva, D. Marovic,

CERIMAN, <sup>na</sup> per, Nova Trgovina, Beograd, May 1959,  
pp 261-264.

FID 102 2362

Blat - Yugoslavia

Econ - Foreign Trade

Doc 99

102, 236

(NY-5160)

Television Techniques in Astronomy, by Nikolai F.  
Koprovich, 73 pp.

RUSSIAN, bk, Televisioanaya Tekhnika Astronomii,  
1958, pp 3-40.

JPRS 5990

Sci - Electron

Nov 60

131,649

KOPRZIVN, R.

Novosti tekhniki, vol. 5, nos. 15-14, - table, 110  
words; 1940.

Iron loaders from Roll Scale.

Scraper Trans, Order No. 1007, 1. 1.

A 5783

The Spectrum-Luminosity Diagram and Some  
Problems of the Evolution of Hot Stars, by  
I. M. Kopsjlov, 39 pp.

RUSSIAN, per, Voprosy Kosmogonii, Vol VII,  
1960.

JPRS 24734

Sci  
Jun 64

260,100

On the Cracking of Liquid Hydrocarbons by Small  
Light Arcs, by H. Kroppalin, H. Kadelbach, H.  
Kopsch, E. Winter, 11 pp.

GERMAN, Fer, Chem Ing. Tech., Vol. XXVIII, No 1,  
pp 703-706.

SLA Tr 57-1970

Sci

Jun 58

65,912.

New Devices for the Determination of the Static  
Distribution of Irregular Electric Processes, by  
J. Gerasimov, N. E. Kapel'kov, G. Koptc.

GERASIMOV, Petr, Nachrichtentech Z, No 1, 1956,  
pp 34-39.

ACSI, H-3365, D  
ID 2158106

Sci - Electron

Feb 61.

140,004

New Equipment for Determination of the Statistical  
Distributions of Irregular Electrical Phenomena,  
by J. Grosskopf, K. H. Kappelhoff, G. Korte, 15 pp.

GERMAN, Post Office Report.

SLA 58-249

Sci

Aug 59

94,038

Comparative Immunological Investigation of Nucleo-  
proteins Isolated from Regenerated Filterable Forms of  
Typhoid Fever Bacteria, by A. N. Bitkova, E. I. Kop-

Belona, 93 pp

417-432

RUSSIAN, part, Biokhim, Vol XXV, No 3, 1960, pp ~~393-417~~

CE

140,737

not-  
Feb 62.

The Production of Filtrable Forms of Typhoid  
Bacilli by Harmful Treatments in Vitro and  
in Vivo, by E. I. Koptelova, 3 pp. <sup>1957</sup>

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i  
Immunobiol, Vol XXVII, No 6, 1957, pp 89-91.

Pergamon Institute

Sci - Med

Jul 58

66,484

Experimental Study of the Drug Furazolidone,  
by B. P. Zayeva, L. H. Alekseyeva, S. N. Ratsenber,  
M. N. Koptelova, K. K. Molzhe, I. P. Spure, 5 pp

RUSSIAN, per, Zhur Mikrobiol Epidemiol i  
Immunobiol, Vol XXIX, No 7, 1998, pp 15-19

Pergamon Inst

Sci - Med

Apr 59

85,957

An Experimental Study of The New Chemotherapeutic Preparation Parasidin, by S. P. Zayeva, L. N. Alekseyeva, N. S. Intenberg, M. N. Kuchalova. 5 pp.

RUSSIAN, par, Zhur Mikrobiol Epidemiol i Immunol, Vol 8 XIII, No 7, 1958, pp 10-14

Fergana Inst

Sci - Med

Apr 59

85, 958

Periodicity of Sedimentation in the Manych  
Depression (Quaternary and Pliocene History), by  
S. N. Kopylova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIX, No 1,  
1958, pp 168-171.

Consultants Bureau

Sci - Geophys

96,568

The Target Has Been Located, by D. F. Goldyrev,  
A. A. Koptev, 3 pp.

RUSSIAN, per, Vest Voza Flota, No 1, 1961,  
pp 20-21. 9670853

FTD

USSR

167,759

M11

20 Sep 61

(NY-7154)

THERMAL CHARACTERISTICS OF THE ARCTIC SNOW  
COVER, BY A. P. KOPTEV, 16 PP.

RUSSIAN, PER, PROBLEMY ARKTIKI I ANTARKTIKI,  
NO 9, 1961, PP 50-58.

JPRS 14620

SCI - GEOPHYS  
AUG 62

205,740

On the Radiation Properties of Clouds, 52  
by A. P. Koptov, A. I. Voskresenskiy.  
RUSSIAN, per, Trudy Lenin Akad. i Antarkt. Nauch  
Instit. Inst. VGI IZVESTIYA, No 2, 1967, pp 35-47.  
RND

*Handwritten signature*

del - NS  
Jul 66

305,394

Albedo of the Snow-Ice Cover of the Sea, 61  
by A. P. Koptev, 20 pp.  
RUSSIAN, per, Problemy Arktiki i Antarktiki,  
No 15, 1964, pp 23-36. P101059166  
FTD-HT-66-182

A. P. Koptev

Sci - Phys  
Nov 66

314,162

P25

A detailed description of asymmetric observations in  
 the region by A. P. LEBEDEV, 7 pp.  
 Zhurnal, part, Trudy Arkticheskogo i Antarkticheskogo  
 Nauchno-Issledovatel'skogo Instituta, Vol. 10, No. 1,  
 1964, pp. 134-138.  
 1964, 137, 138

Scientific Sciences G. Antromov  
 172, 138

Shortcomings in the Design of Saturators and  
their Influence on the Quality of the Ammonium  
Sulphate, 3 pp. by G. P. Koptev, 3 pp.

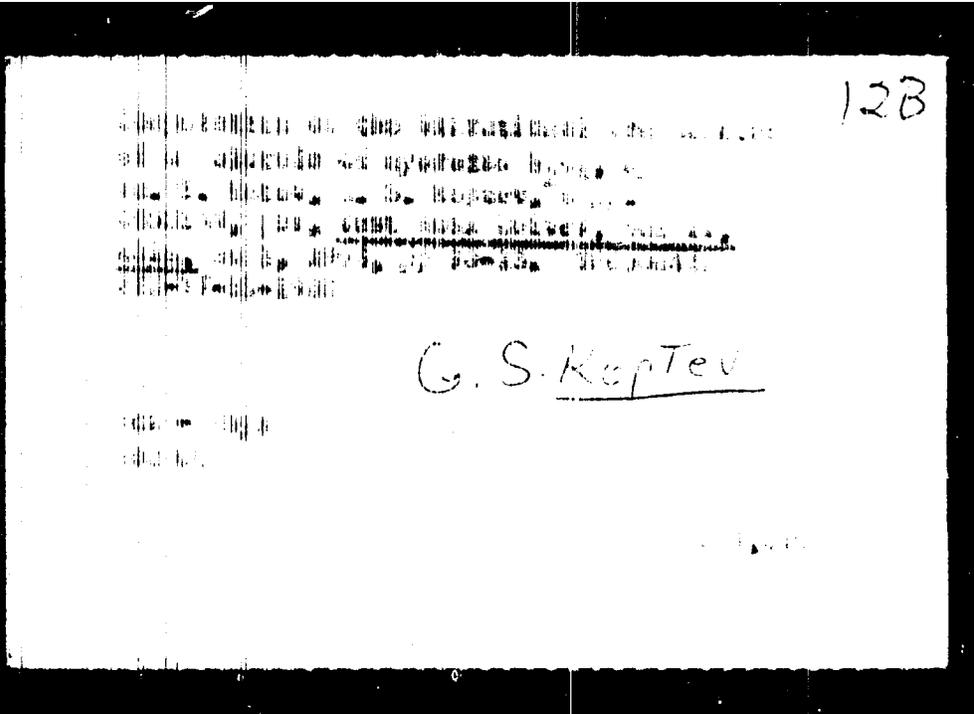
RUSSIAN, per, Koks i Khim, No 3, 1961, pp 38-41,

CIRA

S-1

169,398

Sep 61.



65  
 A Study of Elastic Properties, the Mechanism of  
 High Compression and the Degree of Preservation  
 of Wood by Ultrasonic Methods, by V. I. Koytav.  
 RUSSIAN, rpt, Trudy Vsesoyuznogo Proektiro-  
 vatel'skogo i Nauchno-Issledovatskogo  
 Instituta "Gidromekht", Sbornik Nauchnyy,  
 1963, pp 323-357.  
 ARI/PTD/17-24-399-67

*V. I. Koytav*  
 ARI/PTD/17-24-399-67  
 Box 419

375,584

Results of Determination of the Thickness of the  
Ice Cap in East Antarctica, by O. G. Sorokin,  
Yu. H. Avsiuk, V. I. Koptev.

RUSSIAN, part, Informant: Byull Sovet Anarticheskaya  
Ekspeditsiya, No 11, 1959, pp 9-13.

Univ of Wisconsin  
(MIF)

Sci. + Geography  
Apr 60

113,884

Koptev, V. S.  
DRONE-BEARING BEES AND SWARMING OF BEE  
COLONIES. [1961] [4p. 2 refs.  
Order from OTS or SLA \$1.10

62-15687

Trans. of Pchelovodstvo (USSR) 1957, v. 34, p. 31-32.

DESCRIPTOR: \*Insects, Reproductive system,  
Anatomy, Physiology, Agriculture.

Worker bees with developed ovaries, but not yet lay-  
ing eggs, are called anatomical drone-bearers, and  
egg-laying workers are called physiological drone-  
bearers. Anatomical drone-bearers appear in all  
colonies that are swarming or preparing to swarm.  
Experiments showed that there are a large number of  
drone-bearers in some swarms, but that the presence  
of anatomical drone-bearers in colonies of bees is not  
a necessary condition for their swarming. The highest  
(Behavioral Sciences, TT, v. 7, no. 11) (over)

62-15687

I. Title: Bees  
I. Koptev, V. S.  
II. Translations, New York

209132

Office of Technical Services

Films in the Milky Observatory Region, by  
M. M. Sidorov, A. V. Kopteva.

RUSSIAN, per, Informats Byull Sovetskoye Antarkticheskoye  
Ekspeditsiya, No 1, 1958, pp 73-78.

Univ of Wisconsin  
(NSF)

Sol. + Geophys  
Apr 60

113,904

rowth and Photosynthesis of Potato Plants in the Far  
North, by N. K. Maslo-Syzova, E. G. Kopteva, 9 pp.

RUSSIAN, part, Medical Rasteniya, Vol VII, No 6, 1961,  
pp 715-725.

AIBS

Earl  
Jan 64

*246, 702*

Effect of Salicylamide on the Conditioned Reflex  
Activity of Dogs, by E. G. Kojtava, 4 pp.

RUSSIAN, par, Farmakol i Toksikol, Vol XXI, No 4,  
1958, pp 12-15.

Consultants Bureau

Sci - Med  
Jan 59

88,941

The Effect of Penicillin and Novocaine on Bone-Formation  
When They are Administered Through a Nail-Cannula, by  
V. V. Koptel'tsev.

RUSSIAN, no per, Voenno Med Zhur, No 1, Moscow,  
Jan 1958, pp 26-31.

US JPRS/NY 406

Sci - Medicine  
May 58

63,316

48

Determination of Compliance Constant Matrix by  
Successive Consistency Method, by G. S. Zoptev.  
RUSSIAN, Journal, Seriya II, Khimiya, No 4, 1969,  
pp 32-38.  
•AFCHL

G. S. Zoptev

Sci/Chem  
Feb 70

Mechanism of  $\alpha$ -<sup>loxime</sup>-tetra~~amine~~ (Conversion into  
 $\alpha$ -Naphthylamine, by N. N. Vorozhtsov, V. A.  
Kopting, 9 pp.

RUSSIAN, per, Zhur Oshchei Khim, Vol XXVIII,  
No 6, 1958, pp 1646-1655.

Consultants Bureau

Sci - Chem  
Sep 59

95, 793

Polar-Polar and Polar-Neutral Crystal Structures,  
by V. A. Koptskii, 6 pp.

RUSSIAN, per, Kristallografiya, Vol VIII, No 3,  
1963, pp 319-327.

Amer Inst of Phys  
Sov Phys - Crystal  
Vol VIII, No 3

Sci  
Data 600

246, 753

PAT 62

A Laboratory Precision Cryostat for Investigation the  
Electrical and Elastic Properties of Crystals, by  
V. A. Koptak, B. A. Strukov, L. A. Ernakova, 4pp

RUSSIAN, per, Pribery i Tekh Zhurnal, No. 1, 1961,  
pp 184-187.

ISA

191, 785

Sci

Experiences in the Crystallization of New Microchemical  
Substances, by A. A. Chumakov and V. A. Kopylov,  
4 pp.

RUSSIAN, paper, Kristallografiya, Vol IV, No 2,  
1959, pp 235-238.

Amer Inst of Phys  
Sov Phys-Crystallography  
Vol IV, No 2

Sci

Mar 60

*146/108*

The Dielectric, Piezoelectric and Bi-Optic Properties  
of Calcite Crystals, by V. A. Kopylov, L. B.  
Kobynkov, 3 pp.

RUSSIAN, paper, Kristallografiya, Vol IV, No 2,  
1959, pp 223-227.

Amer Inst of Phys  
Sov Phys-Crystallography  
Vol IV, No 2

Sci

Mar 60

110.103

The Dielectric, Piezoelectric and Elastic Properties  
of Resorcinol Monocrystals, by V. A. Kordukh, 4 pp.

RUSSIAN, paper, Kristallografiya, Vol. 11, No. 2, 1966,  
pp 219-222.

Amer Inst of Phys  
Sov Phys-Crystallography  
Vol. IV, No. 2

Sci

Mar 60

*119/105*

Dielectric Investigation of Ferroelectric Crystals  
Using Minute Samples, by V. A. Koptsik, K. A.  
Miznyeva, B. A. Strukov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 12, 1970, pp 1937-.

Columbia Tech

Sci

Feb 60

107,795

Polymorphic Phase Transitions and Symmetry, by  
V. A. Koptsik, 10 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 6,  
1960, pp 932-943.

AIP

Sov Phys - Crystall

Vol V, No 6

Sci

Jul 62

206,070

An Investigation of New Piezoelectric Crystals, by  
V. A. Koptalik, 8 pp.

RUSSIAN, biblio per, In Ask Nauk SSSR, Ser Fiz, Vol  
XX, No 2, 1956, pp 219-225.

Columbia Tech Tr

45,663

Sci - Physics

Apr 57 CTR

Avail Br 5 Lib

SLA-CIT

Electric and Elastic Parameters of Camerinite as  
Functions of Temperature, by V. A. Kojtsik,  
L. A. Ermakova, 4 pp.

RUSSIAN, per, *Mis Tverdogo Tela*, Vol II, No 4,  
1960, pp 697-700.

AIP  
Sov Phys-Solid State

Sci

Jan 61

138,224

The Kinetics of Crystal Growth, by V. A. Koptsik.

RUSSIAN, bk, Rost Kristallov, 1957, pp 359-366.

ATIC P-TH-9447/v

Sci • Chem

Oct 59

99,486

Isomeric Conversion of Sulfoxes of the Naphthalene Series in the Presence of Metal Halides, by V. A. Koptyn, T. M. Gelasimova, ~~et al.~~

RUSSIA, per, Zhur Obshch Khim, Vol XXXI, No 5  
1961, pp. ~~1611-1620~~

1611-1620 (2)

Sci  
Mar 62

191,971

Reaction of 2-Halo-1-Keto-1,2,3,4-Tetrahydronaphthalenes with Hydroxylamine, by V. A. Koptug, L. B. Vol'derskiy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim., Vol XXXII, No 5, 1962, pp 1613-1618.

CB

Sol.

Mar 63

233,551

Steric Hindrance and Reactivity of Organic Compounds.  
IV. Some peculiarities of the Ultraviolet Absorption  
Spectra of Peri-Substituted Naphthalenes, by  
V. A. Koptiyug, V. A. Flakhov, pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 1,  
1962, pp 256-258.

CB

Sci

Oct 62

216,187

Steric Hindrance and Reactivity of Organic Compounds.  
III. Isomerization of 1,8-Dihalo-naphthalenes in the  
Presence of Anhydrous B-Naphthalenesulfonic Acid. V.  
A. Koptug, V. G. Shubin, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,  
1961, pp 4023-4027.

CB

Sci

214,844

Oct 62

Steric Hindrance and Reactivity of Organic Compounds II  
3-Naphthalenesulfonic Acid as a Catalyst for Isomer-  
ization of Compounds With Steric Hindrance, by  
V. A. Koptug, et al, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10,  
1961, pp 3341-~~XXXX~~ 3343.

CB

"

Sci  
Sep 62

211,777

Study of the Mechanism of Isomerization of  
Naphthalenesulfonic Acids by the Tagged-Atom  
Method, by N. N. Vorozhtsov Jr., V. A. Koptug, et al, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, # Vol XXXI, No 10,  
1961, pp 3330-3340.

cb

21,776

Sci  
Sep 62

Study of the Isomeric Transformations of Alkylaromatic  
thalenes, 3. Isomerization of Monomethylaromatics,  
by H. H. Vozzhitskov, V. A. Koptev,

RUSSIAN, part, Zhur Obshchey Khim, Vol XXIX, No 5,  
1959, pp 1542-1545.

AMS RJ-2101

Sci - Chem

May 60

115,394

Catalytic Conversions of Halogen Derivatives  
of the Aromatic Series. IV. A Study of the  
Mechanism of the Catalytic Isomerization of  
Monochloromethylbenzenes Having Labeled Atoms,  
N. N. Vorobeyev, Jr., and Y. A. Kozlov, 10 pp.

RUSSIAN, paper, Zhur Khimich Esia, Vol XXVIII,  
No 2, 1958, pp 372-382.

Consultants Bureau

Sci - Chem

Apr 59

85,668

Isomeric Transformations of Methyl (Chloroacrylate)  
Sulfonate, by T. H. Garasimova, V. A. Kozlov, Ser.

RUSSIAN, part, Zhur Odezhch Khim, Vol XXXIII, No 2, 1963,  
pp 601-605.

CS

801

Jan 64

246 957

The Method of Splitting Toluene- $C^{14}$  to Determine  
the Position of the Tag in the Molecule, by V. A.  
Koptug, I. S. Isayev, M. N. Vorozhtsov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVII, No 4,  
1961, p 855.

AF 1452419

Sci - Chem  
Oct 61

171,561

Study of Isomeric Conversions of Alkylnaphthalenes I  
Synthesis of 1-Methylnaphthalene-1- $C^{14}$ , by N. N.  
Voroshilov, Jr., V. A. Koptug, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1551-1553.

Consultants Bureau

Sci

Jul 60

120,457

Study of the Isomeric Conversions of Alkylnaphthalenes  
I. Isomerization of Monomethylnaphthalenes, by N. N.  
Vorozhtsov Jr., V. A. Koptug, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,  
1959, pp 1541-1545.

Consultants Bureau

Sci

Jul. 60

120,455

Mechanism for the Cleavage of Arylsulfonylglycines  
and Their N-Derivatives, by L. N. Nikolenko,  
V. A. Koptug, 4 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 1,  
1956, pp 156-158. CIA 9000404 C, Resl No 21

Consultant: Bureau

Sci - Chemistry  
Sep 56 CMS

58,621